Exhibit 3

EVIDENCE OF USE FOR U.S. PATENT NO. US6137789

Title: Mobile station employing selective discontinuous transmission for high speed data services in CDMA multi-channel reverse link configuration

Application No.: US08/882,822

Filing Date: June 26, 1997

Issue Date: October 24, 2000

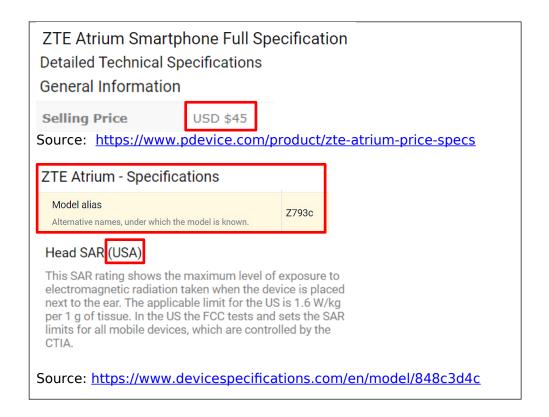
Accused Product/Standard:



ZTE Z793C



SPECS



Technology CDMA2000 1X

ource: https://www.enet.com/products/zte-z793c-black-3g-4-gb-cdma-smartphone/

Evidence of Use

| Claim Language | Evidence of Infringement |
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| 5. A method for operating a mobile station, comprising steps of: | ZTE Z793C (also known as ZTE Atrium) smart phone supports cdma2000 technology. As shown in the screenshot attached below, ZTE Z793C was sold in United States and has electrical parameters such as SAR values as per the US standards. Therefore, this implies that the concerned ZTE handset was available in the US market. The 3GPP2 C.50002-E standard is a Physical layer standard for CDMA2000 spread spectrum system. The specification provides a method of power control at mobile station. ZTE ZTE Z793C SPECS CELLULAR |

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| | Technology | CDMA2000 1X |
| | Туре | smartphone (Android OS) |
| | Navigation | GPS |
| | Band | CDMA2000 1) 1900/800 |
| | Source: https://www.cnet.com | products/zte-z793c-black-3g-4-gb-cdma-smartphone/ |
| | Jource. <u>Inteps.//www.enet.com</u> | products/2te-2793e-black-3g-4-gb-cuma-smartphone/ |
| | ZTE Atrium Smartphone Fu | Specification |
| | Detailed Technical Specificati | ons |
| | General Information | |
| | Selling Price USD | 345 |
| | Source: https://www.pdevice.c | om/product/zte-atrium-price-specs |
| | ZTE Atrium - Specificat | nns |
| | • | |
| | Head SAR (USA) | |
| | This SAR rating shows the management of the ear. The applicable per 1 g of tissue. In the US the limits for all mobile devices, we CTIA. | en when the device is placed limit for the US is 1.6 W/kg FCC tests and sets the SAR |

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| | Source: https://www.devicespecifications.com/en/model/848c3d4c 2.1.2.3 Controlled Output Power The mobile station shall provide three independent means for output power adjustment: an open loop estimation performed by the mobile station, a closed loop correction involving both the mobile station and the base station, and, for Radio Configurations 3 through 8, a code channel attribute adjustment performed by the mobile station and the base station. Source: 3GPP2 C.S0002-E v3.0, at page 89 of 568. |
| establishing a wireless data communication from a transmitter of a mobile station at a predetermined data rate simultaneously through at least one data channel; | The specification allows the establishment of a wireless data communication from the transmitter of the mobile station to the receiver of the base station at a predetermined data rate simultaneously through at least one data channel. For example, a wireless data communication is established between the mobile station and the base station through the reverse fundamental channel and reverse supplemental code channel ("at least one data channel") at predetermined data rates. |
| | Reverse Fundamental Channel. A portion of a Radio Configuration 1, 2, 3, 4, 5, 6, and 8 Reverse Traffic Channel which carries higher-level data and control information from a mobile station to a base station. Reverse Supplemental Code Channel. A portion of a Radio Configuration 1 and 2 Reverse Traffic Channel which operates in conjunction with the Reverse Fundamental Channel in that Reverse Traffic Channel, and (optionally) with other Reverse Supplemental Code Channels to provide higher data rate services, and on which higher-level data is transmitted. Sourc e: 3GPP2 C.S0002-E v3.0, at page 67 & 68 of 568. |

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| | 2.1.3.12.1 Reverse Fundamental Channel Time Alignment and Modulation Rates When operating with Radio Configuration 1, the mobile station shall transmit information on the Reverse Fundamental Channel at variable data rates of 9600, 4800, 2400, and 1200 bps. 2.1.3.14.1 Reverse Supplemental Code Channel Time Alignment and Modulation Rates When transmitting on Reverse Supplemental Code Channels with Radio Configuration 1, the mobile station shall transmit information at 9600 bps. When transmitting on Reverse Supplemental Code Channels with Radio Configuration 2, the mobile station shall transmit information at 14400 bps. Source: 3GPP2 C.S0002-E v3.0, at page 302 & 279 of 568. |
| receiving a command to increase the transmission power of said mobile station transmitter; | The specification allows the reception of a command by the mobile station to increase the power of a transmission from the mobile station transmitter. For example, the transmission of power control bits ("command") from the base station towards the mobile device via Forward Power Control Subchannel signals the mobile station to increase or decrease transmit power. Depending on the power control bits, the mobile station increases or decreases its output power. A '0' power control bit implies an increase in transmit power and a '1' power control bit implies a decrease in transmit power. Power Control Bit. A bit sent on the forward power control subchannel, reverse power control subchannel, or common power control subchannel to signal the mobile station or base station to increase or decrease its transmit power except in the shared mode of operation on the forward link. |

| 3.1.3.1.12 Forward Power Control Subchannel A forward power control subchannel is transmitted only on the Forward Fundamental Channel or on the Forward Dedicated Control Channel. When the common power control subchannel is not assigned, the power control bit on the forward power control subchannel is defined as follows: a '0' bit shall indicate to the mobile station that it is to increase the mean output power level, and a '1' bit shall indicate to the mobile station that it is to decrease the mean output power level. The amount that the mobile station increases or decreases its power for every power control bit is specified in | Claim Language | Evidence of Infringement |
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| Source: 3GPP2 C.S0002-E v3.0, at page 65, 458 & 459 of 568. The base station receiver shall estimate the received signal strength of the particular mobile station to which it is assigned over a 1.25 ms period. The base station receiver shall use the estimate to determine the value of the power control bit ('0' or '1'), except for the case where the Common Power Control Channel is also assigned to the mobile station. The base station shall transmit the power control bit on the Forward Fundamental Channel or on the Forward Dedicated Control Channel using the puncturing technique described below. Source: 3GPP2 C.S0002-E v3.0, at page 463 of 568. 34 shall be within ±3.0 dB of 40 times the nominal change (10 dB). A '0' power control bit implies an increase in transmit power; and a '1' power control bit implies a decrease in transmit power. Source: 3GPP2 C.S0002-E v3.0, at page 99, 100 of 568. | Claim Language | 3.1.3.1.12 Forward Power Control Subchannel A forward power control subchannel is transmitted only on the Forward Fundamental Channel or on the Forward Dedicated Control Channel. When the common power control subchannel is not assigned, the power control bit on the forward power control subchannel is defined as follows: a '0' bit shall indicate to the mobile station that it is to increase the mean output power level, and a '1' bit shall indicate to the mobile station that it is to decrease the mean output power level. The amount that the mobile station increases or decreases its power for every power control bit is specified in 2.1.2.3.2. Source: 3GPP2 C.S0002-E v3.0, at page 65, 458 & 459 of 568. The base station receiver shall estimate the received signal strength of the particular mobile station to which it is assigned over a 1.25 ms period. The base station receiver shall use the estimate to determine the value of the power control bit ('0' or '1'), except for the case where the Common Power Control Channel is also assigned to the mobile station. The base station shall transmit the power control bit on the Forward Fundamental Channel or on the Forward Dedicated Control Channel using the puncturing technique described below. Source: 3GPP2 C.S0002-E v3.0, at page 463 of 568. 34 shall be within ±3.0 dB of 40 times the nominal change (10 dB). A '0' power control bit implies an increase in transmit power; and a '1' power control bit implies a decrease in transmit power. |

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| determining in said mobile station that the increased transmission power will exceed a transmission power threshold value; | The specification allows the mobile station to determine if the increased transmission power will exceed a transmission power threshold value. For example, the mobile device provides a closed loop adjustment range greater than ± 24 dB around its open loop estimate and also the output power should not be more than defined by parameter TX_PWR_LIMITs ("transmission power threshold value"). |
| | shall be within ±3.0 dB of 40 times the nominal change (10 dB). A '0' power control bit |
| | implies an increase in transmit power; and a '1' power control bit implies a decrease in transmit power. |
| | Source: 3GPP2 C.S0002-E v3.0, at page 99, 100 of 568. |
| | 4 2.1.2.3.2 Closed Loop Output Power |
| | For the Reverse Traffic Channel with Radio Configuration 1 or 2, if the mobile station is unable to transmit at the requested output power level, it shall discontinue transmission on at least one active Reverse Supplemental Code Channel, not later than the transmission of the next 20 ms frame to maintain the requested output power on the Reverse Fundamental Channel. |
| | The mobile station shall provide a closed loop adjustment range greater than ±24 dB around its open loop estimate. |
| | 2.1.2.1 Maximum Output Power |
| | The mobile station shall meet the requirements in Sections 4.4.5 and 5.1 of the current version of [11]. The mobile station shall limit its transmission power to no more than the value indicated by the $TX_PWR_LIMIT_S$ when operating in the $1915MHz - 1920MHz$ block of the PCS band. |
| | Source: 3GPP2 C.S0002-E v3.0, at page 87, 98 & 100 of 568. |

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| reducing said data rate by disabling data transmission through the at least one data channel; increasing the | The specification allows the mobile device to reduce the data rate by disabling data transmission through the at least one data channel to increase the transmission power. For example, the mobile device increases the transmission power by discontinuing the data transmission through at least one active reverse supplemental code channel ("at least one data channel"). |
| transmission power; | 4 2.1.2.3.2 Closed Loop Output Power |
| | For the Reverse Traffic Channel with Radio Configuration 1 or 2, if the mobile station is unable to transmit at the requested output power level, it shall discontinue transmission on at least one active Reverse Supplemental Code Channel, not later than the transmission of the next 20 ms frame to maintain the requested output power on the Reverse Fundamental Channel. |
| | Source: 3GPP2 C.S0002-E v3.0, at page 98 & 100 of 568. |
| | Reverse Supplemental Code Channel |
| | An optional portion of a Reverse Traffic Channel which operates with the Fundamental Channel to provide higher |
| | data rate services. The Supplemental Channel that is transmitted on the Reverse CDMA Channel. This channel |
| | allows a combination of primary data, secondary data, or both to be transmitted. It does not however support |
| | signalling. |
| | External Source: https://www.mpirical.com/glossary/reverse-supplemental-code-channel |

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| receiving a command to decrease the transmission power of said mobile station; | The specification allows the mobile device to receive the command from the base station to increase the power of transmission from the mobile station. For example, the mobile station receives a power control bit ("command") from the base station which indicates the mobile station to increase its output power level. |
| | Power Control Bit. A bit sent on the forward power control subchannel, reverse power control subchannel, or common power control subchannel to signal the mobile station or base station to increase or decrease its transmit power except in the shared mode of operation on the forward link. |
| | 3.1.3.1.12 Forward Power Control Subchannel |
| | A forward power control subchannel is transmitted only on the Forward Fundamental Channel or on the Forward Dedicated Control Channel. |
| | When the common power control subchannel is not assigned, the power control bit on the forward power control subchannel is defined as follows: a '0' bit shall indicate to the mobile station that it is to increase the mean output power level, and a '1' bit shall indicate to the mobile station that it is to decrease the mean output power level. The amount that the mobile station increases or decreases its power for every power control bit is specified in 2.1.2.3.2. |
| | Source: 3GPP2 C.S0002-E v3.0, at page 65, 458 & 459 of 568. |

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| | 2.1.2.1 Maximum Output Power |
| | The mobile station shall meet the requirements in Sections 4.4.5 and 5.1 of the current version of [11]. The mobile station shall limit its transmission power to no more than the value indicated by the $TX_PWR_LIMIT_S$ when operating in the 1915MHz – 1920MHz block of the PCS band. |
| | Source: 3GPP2 C.S0002-E v3.0, at page 65, 98 & 100 of 568. |
| | Reverse Supplemental Code Channel. A portion of a Radio Configuration 1 and 2 Reverse Traffic Channel which operates in conjunction with the Reverse Fundamental Channel in that Reverse Traffic Channel, and (optionally) with other Reverse Supplemental Code Channels to provide higher data rate services, and on which higher-level data is transmitted. |
| | Source: 3GPP2 C.S0002-E v3.0, at page 68 of 568. |